FY2011 Appropriations Request Form

Office of Congresswoman Jackie Speier 211 Cannon House Office Building Washington, D.C. 20515 Phone: 202/225-3531

Fax: 202/226-4183

Website: www.speier.house.gov

Individuals/Organizations must respond to all questions on the form. Incomplete proposals will not be considered.

All appropriations project requests will be presented to and evaluated by the 12th Congressional District's Citizens Oversight Panel, made up of community leaders. **This year's panel meetings will be held on February 26, March 5 and March 12, 2010 in the 12th Congressional District. Appointments to appear before the panel must be made through Cookab Hashemi, Chief of Staff, at 202/225-3531 or via email, Cookab.Hashemi@mail.house.gov.**

<u>IMPORTANT NOTE</u>: All information provided on this form and any supporting documents will be made available to the public on the Congresswoman's website.

DEADLINE: Forms are due by Friday, February 12, 2010 @ 6:00 p.m. (P.S.T.)/9:00 p.m. (E.S.T.). Project requests submitted after that date will not be considered.

Date Submitted:

Project Name: Mobile Emergency Command Center

Individual/Organization: (Is the grantee located in the 12th Congressional District?)

San Mateo County, Office of the Sheriff

Amount Requested (if requesting report language, please attach.):

\$322,500

Appropriations Bill/Account/Relevant Authorization law/bill/status (e.g., "Public Law 107-111"; "FY2008 DOD Authorization", "Currently pursuing authorization through Agriculture Committee", "Safe Drinking Water Act" or "Hatch Act") Applicants uncertain as to how to answer this question should contact Cookab Hashemi at 202-225-3531 or via email, Cookab.Hashemi@mail.house.gov for assistance:

FY 2011 Commerce, Justice, Science, COPS, Law Enforcement Technologies

Local Contact (*Please provide full contact information, including any relevant phone extensions, and indicate if there is a separate D.C. contact. Please provide local address, state, zip code and email address*):

Ronald E. Brooks

Director

Northern California High Intensity Drug Trafficking Area Northern California Regional Intelligence Center P.O. Box 36102 | San Francisco | CA | 94102 O: 415.436.8199

F: 415.436.7484 C: 415.748.0835 24 hr: 866.367.8847 rbrooks@ncric.org www.nchidta.org www.ncric.org

DC Contact

Valerie Osborne
The National Group
818 Connecticut Avenue, 11th Floor
Washington, DC 20006
571.436.7517 (office and cell)
valerieosborne@yahoo.com or vosborne@thenationagroup.net

Organization's Main Activities. (*Please limit your response to 250 words and indicate whether it is a public, non-profit or private for-profit entity.*)

The San Mateo County Sheriff's Office is a local governmental body and the largest law enforcement agency in the County. The Sheriff serves as the Mutual Aid Coordinator for the County.

Please show main items in the project and total cost in a simplified chart form. (Please include the amount of any Federal/State/Local/Private funds, including any in-kind resources.)

SAN MATEO COUNTY SHERIFF'S OFFICE PROPOSED BUDGET

EMERGENCY MOBILE COMMAND VEHICLE

Total Cost - Mobile Emergency Command Vehicle	\$ 830,000*
Total Federal Request	\$ 622,500
Amount received in FY 2010	\$ 300,000
Federal Request FY 2011	\$ 322,500
County Contribution	\$ 207.500*

^{*} these are estimated costs and it is expected that the vehicle could cost 10% more based on unplanned changes, upgrades and extended time until actual build-out is contracted.

BUDGET BREAKDOWN AND DESCRIPTION OF BUDGET ELEMENTS

Vehicle Cost Estimate

\$650,000

Included in the cost of the vehicle would be:

- Cab and chassis
- Command module build-up with slide-outs
- 12 volt power system
- 20 KV portable generator
- Communications and computer wiring including rack systems
- All radio and satellite antennas including masts and satellite dishes

- Telephone system including landline, cellular and satellite telephone system and hardware
- Video equipment including cameras, flat panel video screens, mounting, wiring and controllers, and satellite television receiver
- Installation of radio and computer equipment provided by the Sheriff's Office

Radio Equipment Estimate

\$140,000

Radio communications equipment purchased separately from the vehicle, but installed by the 'vehicle manufacturer:

County trunked radios (mobile) 2 each @ \$4000	\$ 8,000
VHF mobile radios 5 each @ \$2000	10,000
UHF mobile radios 5 each @ \$2000	10,000
Amateur Radio 1 each @ \$1000	1,000
Dispatch Consoles 2 each @ \$10,000	20,000
Aux. Communication Unit (Interoperability Unit) \$5000	5,000
Portable Radio, trunk system (cache) 10 each @ \$3000	30,000
Portable Radio, VHF (cache) 10 each @ \$2,000	20,000
Portable Radio, UHF (cache) 10 each @ \$2000	20,000
Portable radio charging banks 6 each @ \$1000	6,000
Misc radio hardware	10,000

Computer Equipment Estimate \$40,000

Computer equipment purchased separately from the vehicle, but installed by the vehicle manufacturer:

Desktop computers with video monitor 6 each @ \$1500	\$ 9,000
Server and networking equipment	5,000
Laptop computers 4 each @ \$2500	10,000
Copy/Printer/Fax 1 each @ \$1500	1,500
Laser Printer 1 each @ \$1000	1,000
Plotter Printer 1 each @ \$1500	1,500
Mobil Weather Station	2,000
Software and licensing	10,000

Project Description, including a timeline, goals, expected outcomes and specific uses of Federal Funds. (Your response must focus on the requested funds rather than the organization's mission and general activities. Please limit your response to 250-500 words.)

The San Mateo County Sheriff seeks continued federal funding for a fully equipped Mobile Emergency Command Center that will serve as a regional, multijurisdictional, and multiagency, emergency response coordination resource throughout San Mateo County and surrounding For examples of applications submitted last year, please review information at http://www.speier.house.gov under the section "12th District". Please note that some questions in the application may have changed from last year's form. The agency and/or policy area preferences of last year's panel are not binding for this year.

counties in the event of any major law enforcement, natural or other event requiring emergency response. The vehicle will include:

- Cab and chassis
- Command module build-up with slide-outs
- 12 volt power system
- Dispatch consoles
- Radio communications equipment
- County trunked radios
- Communications and computer equipment
- Radio and satellite antennas
- Telephone system including landline, cellular and satellite systems
- Comprehensive audio/video equipment
- Auxiliary communications equipment
- · Storage and lighting

Encompassing 20 incorporated cities, several dozen special districts, San Mateo County has a clear need for a Mobile Emergency Command Center. That need continues to grow. A mobile Emergency Command Center will:

- Be a critical resource in both small scale daily operational activities and major mobilizations;
- Provide a useful and flexible management system particularly adaptable to incidents involving multi-jurisdictional/multi-disciplinary responses;
- Provide a management structure/system for conducting on-site operations;
- Enable rapid activation and establishment of an organizational format around the functions that need to be performed in an emergency event;
- Provide command center and operational staff with a standardized operational structure;
- Provide mobile communication centers and radio interoperability at the scene of an emergency;
- Enable responders to collect intelligence manage/control event information and response activities; and,
- Enable the real-time tracking of incidents and response resources.

Recent incidences where this type of resource would have been an invaluable tool for first responders include:

- A full scale, multi-agency search for a missing person in a rural portion of the county
- A large scale, multi-agency response to the funeral of a high ranking member of an outlaw motorcycle gang in the north part of the county
- A rapid, multi-agency response to a report of an active shooter event at a community college in the north part of the county
- The annual North Fair Oaks Community Festival located in a southern unincorporated portion of the county

- The Special Olympics and Senior Special Olympics events held annually within the county
- Training exercises and rapid response to critical incidents involving the Stanford Linear Accelerator facility
- The annual Urban Shield Bay Area training exercise
- Large wild land fires in neighboring Santa Cruz County
- The Olympic Torch Run impacting the entire Bay Area
- The 2007 Major League Baseball All-Star Game held in neighboring San Francisco County

Other situations in which this type of resource would be helpful include:

- Rural Search and Rescue Efforts
- Floods and Wild Fires
- Incidences on major transportation corridors
- San Francisco International Airport (SFO)
- Serve as an Emergency Operations Center (EOC) following an incident of national significance that occurs in our area

How will this project request serve to expand the capacity of your organization and how will your organization sustain this work beyond the federal funding? (Your response must focus on the impact of the requested funds rather than the organization's long-term goals.)

This initiative will enable the Sheriff's Office to acquire a permanent multiagency, multijurisdictional response resource that will significantly enhance their (communications, planning, execution) capabilities. The Sheriff's Office will be able to expend any funds upon receipt.

Can this proposal be funded via fees levied on users of the service or via the ordinary capital budgeting process of the organization?

No

What is the local significance of this project?

This initiative will assist local emergency responders and law enforcement (police, fire, sheriff, Coast Guard, FBI etc.) to address limitations in existing command capabilities and will significantly enhance the interoperability, communications, planning, and response capabilities, not in the County (increasing safety service to the delivery of more than one million people).

How many residents of the 12th CD will benefit from this project? (i.e. jobs created, services rendered to, how many people, etc.)

All residents of the 12th CD will benefit from this Emergency Command Center in the event of any mass casualty event, or disaster (man-made, natural or other)

Please explain the federal interest in this proposal (i.e. meets a stated objective of federal policy, supports a federal agency, is the result of a federal law/mandate, etc.)

List any other organizations or state/local elected officials who have expressed support for the project in writing. (Please submit copies of support letters along with the request form.)

Attached please find letters of support from the following:

- Robert L. Lotti, Chief of Police
- Ron D. Myers, President, San Mateo Fire Chiefs Association
- Gregory Ahern, Sheriff-Coroner, Alameda County
- Adrienne Tissier, Member, San Mateo County Board of Supervisors
- Stephanie Douglas, Special Agent in Charge, FBI, San Franciso

Does the organization have any other funding requests for this project? (Federal, State, Local or private request pending?)

No.

Has the organization previously received Federal funds for this project? (Please list any funds received [by fiscal year] and briefly describe how those funds were spent.)

Yes. The San Mateo County Sheriff received \$300,000 in FY 2010 in the CJS appropriations bill.

Has the individual and/or organization submitted the project request to other Member offices? If so, please identify below the names of the Members of Congress and staff persons.

Congresswoman Anna Eshoo – Mieke Eoyang Senator Dianne Feinstein – Ryan Hunt Senator Boxer – Sam Rockman

Please attach a list of your organization's staff and board members from 2005 -2010. (if any). Not applicable

Please attach any additional relevant materials.

Attached: Letter of request, white paper, and letters of support



COUNTY OF SAN MATEO

Office of the Sheriff

GREG MUNKS SHERIFF

CARLOS G. BOLANOS UNDERSHERIFF

TRISHA L. SANCHEZ ASSISTANT SHERIFF

400 COUNTY CENTER

REDWOOD CITY

CALIFORNIA 94063-1662

TELEPHONE (650) 599-1664

www.smcsheriff.com

ADDRESS ALL COMMUNICATIONS TO THE SHERIFF

January 5, 2010

The Honorable Jackie Speier U.S. House of Representatives 211 Cannon House Office Building Washington, DC 20515

Dear Congresswoman Speier:

I am writing to seek your continued assistance in FY 2011 to secure \$322,500 for a Mobile Emergency Command Center that will serve as a multi-jurisdictional, multi-agency, emergency response coordination resource throughout San Mateo County and surrounding counties in the event of any major law enforcement, natural or other event requiring emergency response. With your leadership and support, we were able to secure an initial \$300,000 for this important resource in the FY 2010 Commerce, Justice, and State appropriations bill.

The need for a full-size command vehicle with up-to-date technology continues to grow, and is especially great, in the diverse area that is San Mateo County. Because San Mateo encompasses 20 incorporated cities, several dozen special districts including fire and public utilities districts, and the San Francisco International Airport, we have a clear need for multi-agency coordination in any significant emergency incident. Currently, first responders from the various emergency service disciplines communicate on different radio spectrums and do not have the capability of cross-communication, also known as interoperability, without the assistance of special equipment. This capability along with multiagency planning and coordination space, tactical dispatching capabilities and computer capabilities will be built into this state-of-the-art mobile command center.

As I shared with you last year, as the mutual aid coordinator for San Mateo County and the lead agency in the San Mateo County Emergency Services Joint Powers Authority (JPA), the Sheriff's Office will coordinate the use of the mobile command center as it does with the other JPA-owned mobile equipment. The Mobile Command Center will be considered a regional resource and be made available for use by any government agency in the county or region.

Ultimately, we believe that the potential for significant multi-agency incidents within our county requires the use of unified command as prescribed by the National Incident Management System. A full-sized command vehicle will be the critical element in our ability to meet these requirements and to respond to any emergency event in a timely and appropriate fashion.

Congresswoman Speier, this Mobile Emergency Command Center will play a key role in any emergency, any multijurisdictional, multiagency event, providing centralized, unified and interoperable communications pathways and will be the focal point for most incident meetings and briefings. Anything you can do to assist the San Mateo Sheriff's Office to secure the remainder of this important funding would be greatly appreciated.

Thank you for your consideration.

Sincerely,

Greg Munks, Sheriff

MOBILE EMERGENCY COMMAND CENTER

San Mateo County, Sheriff's Office Redwood City, CA



FEDERAL FUNDING REQUEST FY 2011

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SAN MATEO COUNTY SHERIFF'S OFFICE REQUEST FOR FUNDING EMERGENCY MOBILE COMMAND CENTER

SUMMARY

The San Mateo County Sheriff's Office is requesting \$322,500 in continued federal funding assistance for the purchase and equipping of a mobile command center for the San Mateo County Operational Area. This request received \$300,000 in FY 2010 in the Commerce, Justice, and Science Appropriations bill.

There was a time when incident commanders at the scene of an emergency would attempt to manage a critical response with plans spread out over the hood or on the front seat of a vehicle while simultaneously attempting to coordinate with responders, dispatch centers, and other agencies using a clipboard and a portable radio. Additionally, incident commanders did and continue to struggle to find a suitable structure to use as an operating base that is both convenient to the incident, yet still at a safe distance.

Modern command vehicles provide the mobility and centralized location that can now give emergency responders a more efficient option for managing critical operations. Today's mobile emergency mobile command centers offer complete tactical dispatching, computer systems, weather monitoring and a host of command and coordination capabilities including radio and internet interoperability. Emergency mobile command staff can now choose the location from which to manage an emergency incident providing a much more efficient public safety response with critical command and control resources concentrated at a single location.

Any significant emergency in San Mateo County will involve multiple agencies and most likely multiple jurisdictions and responder disciplines. A full-size command vehicle provides a central point for the various agency representatives to meet and establish mutual objectives and strategies. Where multiple agencies have shared jurisdiction or responsibility for an incident, a unified command must be employed as directed by the National Incident Management System (NIMS). A proper meeting area, as well as up-to-the-minute intelligence regarding the incident, is crucial in such situations. A mobile command center meets these requirements.

Communications between emergency response agencies and first responder disciplines, such as law enforcement and fire, is an operational requirement during any significant emergency. Problems occur when responders cannot communicate and coordinate their actions. A command vehicle with radio dispatch capabilities can assure that proper communication is taking place. Radio equipment included in a modern command vehicle can also provide interoperability between radio systems by actually allowing response personnel using different radio systems to talk to each other using their own radios.

The need for a full size emergency mobile command vehicle, it is a recognized and critical countywide need. Should the Sheriff's Office be successful in the acquisition of this type of

vehicle it will be considered a regional resource and be made available for use by any government agency in the county or region.

Because the San Mateo County Sheriff's Office serves as the law enforcement mutual aid coordinator for the San Mateo County Operational Area it is the ideal agency to oversee this vital resource. The Sheriff's Office also acts as the lead agency in the San Mateo County Emergency Services Joint Powers Authority (JPA) and could coordinate the use of the mobile command center as it does with the other JPA-owned mobile equipment.

DESCRIPTION OF NEED

Today it is widely recognized that good response and recovery management requires a robust approach to information management. Command Centers, supported by sound information management systems, hold the key to successfully managing potential problems associated with any disaster. The value of full-sized command vehicles is widely recognized by emergency officials at both the local and national level. Command vehicles:

- Are a vital and critical resource in both small scale daily operational activities and major mobilizations;
- Provide a useful and flexible management system that is particularly adaptable to incidents involving multi-jurisdictional or multi-disciplinary responses;
- Provide a management structure and system for conducting on-site operations;
- Provide the flexibility needed to rapidly activate and establish an organizational format around the functions that need to be performed in an emergency event;
- Serve as a coordination point during multi-agency and multi jurisdictional incidents;
- Provide command center and operational staff with a standardized operational structure and common terminology;
- Provide mobile communication centers and radio interoperability at the scene of an emergency;
- Enable responders to collect intelligence and to manage and control event information and response activities; and,
- Enables the real-time tracking of incidents and response resources.

The Federal Emergency Management Agency (FEMA) has developed a set of minimum capabilities for various sizes of mobile command and communications centers to be used as guidelines by government agencies when procuring these types of vehicles.

THE NEED IN SAN MATEO COUNTY

San Mateo County is An extremely diverse county encompassing 20 incorporated cities, several dozen special districts including fire and public utilities districts, and the San Francisco International Airport. The need for multi-agency coordination on any significant emergency incident is vital. Accordingly, the need for a full-size command vehicle with up-to-date technology, referred to under the FEMA guidelines as a Type I is critical.

As with most other areas the United States, first responders from the various emergency service disciplines throughout the county still communicate on different radio spectrums and do not have the capability of cross-communication, also known as interoperability, without the assistance of special equipment. This capability can be provided through a radio system built into a mobile command center. A command vehicle can also be equipped to provide tactical dispatching at the scene of an emergency.

Multi-agency incidents within our county require the use of unified command as prescribed by the National Incident Management System. Representatives of each command entity need a place to meet and develop common incident objectives and strategies while keeping all stakeholders appraised of the incident situation status on a "real time" basis. A full-sized command vehicle will provide a secure meeting area that also allows the unified command staff to have up to the moment information about the incident.

The communications and planning capability provided by a full-sized mobile command vehicle would be of great value on a variety of large incident types including acts of terrorism, civil disturbances, (such as the recent riots in Alameda County), major crime scenes and S.W.A.T. operations, multi alarm fires and wildfires, major transportation accidents, as well as urban search and rescue operations. Recent examples where a mobile emergency mobile command center could have been played a critical role in response efforts include:

- A full scale, multi-agency search for a missing person in a rural portion of the county
- A large scale, multi-agency response to the funeral of a high ranking member of an outlaw motorcycle gang in the north part of the county
- A rapid, multi-agency response to a report of an active shooter event at a community college in the north part of the county
- The annual North Fair Oaks Community Festival located in a southern unincorporated portion of the county
- The annual Disaster Preparedness Day event held at various locations throughout the county
- The Special Olympics and Senior Special Olympics events held annually within the county
- Training exercises and rapid response to critical incidents involving the Stanford Linear Accelerator facility
- The annual Urban Shield Bay Area training exercise
- Large wild land fires in neighboring Santa Cruz County
- The Olympic Torch Run impacting the entire Bay Area
- The 2007 Major League Baseball All-Star Game held in neighboring San Francisco County
- The annual Maverick's Surf Contest that draws international interest and is held on the northern coastal region of the county

Other considerations that provide strong justification for this request include the following:

- Rural Search and Rescue San Mateo County has an expansive rural area that has an on-going history of wilderness search and rescue operations. A mobile command post would be of great benefit for these types of operations. While the Sheriff's Office currently has a small communications vehicle used by the Sheriff's search and rescue volunteers that does utilize current communications technology, the vehicle is relatively small and does not allow for an interior planning or meeting function. Planning for searches and the related map work continues to be conducted over the hood of a patrol vehicle.
- Floods and Wild Fires Evacuation and rescue operations during floods are currently coordinated from patrol cars and fire rigs. The value of a mobile command center, where incident commanders can not only coordinate operations in a common command post, but do so while not enduring the elements themselves, is without question. The mobility of the command vehicle allows the command post be positioned near the flooding area, but still situated in a safe location of the incident commanders' choice.

The beauty and relative isolation of our rural area has led to many people residing in areas of the county particularly susceptible to wildfire activity. Any wildfire response is currently coordinated from fire rigs placed around the event. A large scale wildfire event, will require evacuation of hundreds of people and the assistance of multiple law enforcement agencies. A mobile command center can be moved to a safe location near the fire emergency and be used to coordinate the evacuation of threatened areas. The mobile command vehicle would also be available as a command and communications center for the fire command staff during the suppression of the fire.

• Transportation Concerns - San Mateo County is a major transportation corridor. Two primary highways, U.S. 101 and Interstate 280, each stretch the length of the county. CalTrain is a busy rail link between Santa Clara County, Silicon Valley, and San Francisco, running north/south through the county and carrying thousands of commuters each day. The Bay Area Rapid Transit system (BART) also serves the county with stations as far south as Millbrae and the San Francisco International Airport.

A large-scale emergency incident involving any of these vital transportation routes would involve a large number of emergency responders from multiple agencies and jurisdictions. A modern, full-size command vehicle to serve as the hub of incident coordination would be invaluable in any major transportation emergency.

• San Francisco International Airport (SFO) - SFO presents significant coordination challenges for emergency responders. The airport is operated by the City and County of San Francisco, but is located within the County of San Mateo. Any major incident occurring at the airport will require the assistance of San Mateo County law enforcement, fire, and emergency medical services (EMS) personnel. San Francisco and San Mateo public safety responders operate on different radio frequencies. A mobile command center from San Mateo County could provide a central location for communications with

emergency resources from this county and a coordination point with San Francisco Airport emergency personnel.

• Emergency Operations Center (EOC) - Following an incident of national significance that occurs in our area, such as a major earthquake on one of several earthquake faults that runs through or near San Mateo County, a mobile command center could serve as a temporary emergency operations center and dispatch center for the county. A strong earthquake is likely to disable the county's emergency operations center (EOC) at least temporarily. As part of the Cold War planning of the time, the county's EOC was located in the basement of the county's Hall of Justice building when it was constructed in the early 1960s. However, that building does not meet current seismic standards for essential services buildings and we do not expect the EOC to be operational following a major earthquake.

Contingency plans have been made to set up a temporary EOC in a tent and there are long range plans to build and new EOC and dispatch center within the next ten years. In the mean time, having a mobile emergency mobile command center that can be put in service immediately following a major earthquake will allow the county to contact adjacent operational areas and the state Office of Emergency Services operations center to report damages and request vital resources. With dispatch capabilities built into the command vehicle, initial emergency response dispatching could take place even if the county's primary dispatch center, also located in the basement of the Hall of Justice, is put out of service.

A mobile emergency mobile command center could also be used as part of a communications network in the county if the primary radio and microwave systems are damaged in a disaster. By linking it with two other strategically placed communications vehicles already in the Sheriff's fleet, the mobile command center could act as a command post and communicate with all areas of the county including the coast. The existing communications vehicles are small and not well suited to function as a command center, but they do utilize modern technology including satellite communications and radio interoperability and would work well in conjunction with the mobile command center.

In addition to use during emergencies, a mobile emergency mobile command vehicle would be very beneficial during many of the community events that take place throughout the county each year. Examples of these events include the North Fair Oaks Festival, The Half Moon Bay Art and Pumpkin Festival, the Pacifica Fog Fest, and the Mavericks Surf Contest, among others. Visitors come by the thousands to these event and local law enforcement agencies, usually with the assistance of the Sheriff's Office, prepare operational plans including the establishment of a command post. A modern command vehicle would be the ideal spot from which to coordinate operations for these events.

EXISTING RESOURCES

Many local police and fire agencies in San Mateo County have built small or limited capability command vehicles. For instance, most fire departments in the county have a command vehicle driven by their on-duty battalion chief. These vehicles are usually built on a S.U.V. platform and provide an outside workstation for the fire incident commander located at the back of the vehicle. The work area includes a writing surface and access to command and tactical fire radios. There is usually some storage for files and plans and some units even have mobile computers that can monitor the fire dispatch center's computer aided dispatch (C.A.D.) system via a cellular modem.

None of these fire command vehicles have interoperable communications capability allowing cross communications with local law enforcement, the Sheriff's Office, or the county's emergency services office. Even if additional radios were installed, only a few radio operators can operate effectively when huddled around the back end of an S.U.V. The limited communications capabilities and small size of these fire command vehicles restricts their effectiveness during large and expanding emergencies.

The county's police departments have also recognized the advantages of mobile command posts and several police agencies have built small command vehicles similar to those used by the fire agencies for their police commanders. A number of cities within the county have even constructed mobile communication vehicles. Typically these units are built on a used (normally hand-me-down or donated) mid-sized vehicle. Some agencies use motor home type vehicles and others have used para-transit sized buses. These units are outfitted with numerous mobile radios giving access to police, fire, public service, and often, amateur radio (Ham) frequencies. Some of these units even have limited room for command meetings or tactical planning.

Unfortunately, most of these vehicles were well worn when they were acquired and the reliability of some is very questionable. These local communications vehicles also lack the full range of communication capabilities. Current technology allows for satellite Internet and telephone communications, CAD access, dispatch consoles, and of course, interoperability allowing the various emergency services disciplines to communicate directly with each other. None of the current command vehicles within the county come close to providing this level of technology.

Mobile command posts serve as the focal point for most incident meetings and briefings. Technology now allows for large flat panel television monitors to be installed both inside and outside of a vehicle to provide real-time situation status and to enhance operational briefings. Live video feeds from aircraft can be downloaded directly to the command vehicle to provide the radio operators and command staff located inside the vehicle with live video of the incident. This technology does not exist in any of the existing city command vehicles in San Mateo County today.

It should be noted that if acquired, a San Mateo County mobile emergency mobile command center would be a regional resource. It would be assigned and maintained by the Sheriff's Office but will be available to any community in San Mateo County as well as the surrounding counties. It is envisioned that Sheriff's Office personnel will provide a driver and a technician to go with

the vehicle when requested by another agency in preparing the unit for operations and acting as a technical advisor. Orientation and training sessions will be provided for local agency command staff, dispatchers and other personnel to familiarize them ahead of time with the command vehicle's operational characteristics.

UNIT DESCRIPTION AND FEATURES

San Mateo County would benefit greatly from a modern, full-size command vehicle with state-of-the-art communications technology that meets the FEMA Type I specification for a mobile command center. The unit should be built on a commercial truck chassis, such as a Freightliner MT-55 or an equivalent vehicle, with a minimum 30,000 lb. gross vehicle weight. Ideally, the vehicle would be powered by a diesel engine, such as a 260 horsepower Cummins ISB-02, with an Alison automatic transmission, and be equipped with air ride suspension and air brakes. The unit must have the full spectrum of emergency lighting to ensure that Code 3 responses are as safe as possible.

The truck should be an all aluminum step-van design of approximately 40 feet in length, of which 30 feet would be the cargo area and used for the command and communications function. General features should include an automatic leveling device for the vehicle, an alarm system, a trailer hitch, and a back-up camera system to assist the driver.

Ideally the cargo area of the vehicle would be configured as three separate work areas consisting of a command/planning room, a galley/technical room, and a communications room. The interior height of the finished compartments should be about 82 inches and the width of the compartment, not including slide-out areas, should be about 94 inches. Entry from the outside would be into the galley area and there should be a door between each functional area that would allow privacy and reduce unwanted noise.

The command/planning room should have a slide-out wall section that would expand the width of the room by up to 30 inches. A 10-foot long slide-out section would add an additional 25 square feet of room to the compartment. This room would be a place for the command staff to monitor the incident and prepare operational plans. It could also provide an ideal work area for a law enforcement negotiator during a hostage situation. It is envisioned that this area be located directly behind the driver-passenger portion of the vehicle.

Current technology allows for monitoring both commercial television channels and close circuit television on flat screen monitors in the command/planning compartment. The command staff should also have full telephone and radio communications. Additionally, the command/planning area should be equipped with extensive dry-erase marker boards and a "smart board", a dry-erase board that can store the images to a computer for printing or sharing over the intranet or Internet. A computer workstation with printer should be located in this compartment, as well.

The galley/technical compartment would be the next room aft. It would also be the location of the exterior door to the work areas of the vehicle. The galley should include a sink with pressurized running water, a small refrigerator, and a built-in microwave oven. Counter space should allow for a commercial style coffee maker and a water cooler. This compartment would

also be the access point to one or more enclosures housing racks for radio and computer equipment. These enclosures would need to be easily accessible and climate controlled.

The rear section of the cargo area would be the communications center. This area should also have a ten-foot slide-out section increasing the space available for the radio operators. It is envisioned that this area would provide dispatch workstations for two tactical dispatchers, a communications supervisor and one auxiliary radio operator. Each of these positions would also be a computer workstation linked through a local area network. The tactical dispatchers would have full dispatch consoles using monitors, keyboards, touch screens and headsets rather than just mobile radio microphones. This provision will make dispatching from the vehicle quieter and a much more familiar environment for the professional public safety dispatch personnel that would staff the vehicle as tactical dispatchers. The dispatchers would also have access to the county's computer aided dispatch system via the Internet.

The communications and other technologies built into this command vehicle will need to be extensive and should include the following:

Telephone

The command vehicle should have a telephone system that integrates landline, cellular, and satellite phones into single system of multi-line phone sets. Phone sets would be located at each computer and radio operator workstation with a minimum of two in the command/planning area (one with speakerphone/conference capability). There should be a cellular phone set in the cab of the vehicle with hands-free capability and jacks for at least two phone sets on the outside of the vehicle. A dedicated telephone line will also be needed for a fax machine.

Radios

The vehicle should be designed to provide wiring and antennas for up to 20 mobile radios. The radios operated by the tactical dispatchers from dispatch consoles should be rack-mounted, with additional mobile radios, or control heads, mounted at the other workstations in the communications area, in the command/planning area, and in the cab of the vehicle for use by the driver.

The primary frequencies in the dispatch consoles should include those of the county's trunk radio system, as well as the UHF law enforcement frequencies and VHF fire frequencies used throughout San Mateo County. Additional radios should be provided to allow communications on all regional public safety frequencies as well as the VHF and UHF amateur radio frequencies. Interoperability between VHF and UHF radio frequencies would be accomplished by the use of an ACU 1000 or similar unit.

Ideally, this vehicle's equipment complement would include a cache of portable (handi-talkie) radios for each first responder discipline including law enforcement, fire, and the county's trunk radio system. These radios would be stored in battery charger banks in the vehicle and be available for distribution to mutual aid resources not having local frequencies at the scene of an emergency or other event. Most modern portable radios are field programmable and certain

computer software allows for the rapid "cloning" of radio frequencies into multiple portable radios. Therefore, a cache of portable radios greatly expands the communications capabilities of the command vehicle.

Information Systems

As noted, the command vehicle should be furnished with at least five desktop computer workstations. Per the Federal Emergency Management Agency standards, the computers should be linked to a server through a hard-wired local area network (LAN). In addition, the command vehicle should also have a wireless network in order to expand the LAN with the use of laptop computers. Laser printers should be located in the command/planning area and the communications area with one of these units being a combined printer, fax, copier. A plotter, capable of printing maps and documents up to 24 by 64 inches, should also be part of the hardware complement.

The vehicle should have a mobile weather station capable of providing a digital readout showing current outdoor temperature, relative humidity, wind direction and wind speed. The readout should be displayed in both the communications and the command/planning areas of the vehicle.

Satellite Communications

Satellite communications capability is essential for a modern command vehicle. By accessing a commercial communications satellite, the command vehicle can connect to an Internet voice-over-Internet protocol (VoIP). VoIP allows telephone communication through the Internet even when landline and cellular systems are unavailable due to either the location of the emergency or as the result of a catastrophic incident. Internet access via satellite with the proper broadband spectrum will also allow access to the county's computer aided dispatch system for use by command staff and incident dispatchers.

The command vehicle should also be equipped with an additional satellite receiver that is compatible with commercial satellite television such as DirectTV or the Dish Network. This capability will provide the command staff with current news and weather information. It is also possible to directly capture news media helicopter downlinks that are within line of sight without having to wait for a television station to broadcast the footage. This capability can give the command staff a real-time view of an emergency incident from the air.

To utilize satellite technology, two small satellite dishes will be required on the top of the vehicle. One should be mounted on a telescoping mast that can be rotated to properly acclimate the satellite dish. The other satellite dish, serving the televisions, will be housed in a low profile dome and should be fully automatic in acquiring a satellite signal.

Closed Circuit Television and Video Displays

To provide the command staff with the best information regarding an emergency or event, the command vehicle should be equipped with several closed circuit television cameras. One camera should be mast-mounted for a "bird's eye" view, while the others should be surface

mounted on each side of the vehicle and be capable of providing a wide-angle view around the command post.

A minimum of two flat panel televisions should be located in the communications area of the vehicle and a larger (38 to 40 inch) flat panel TV should be located in the command/planning area. A control unit will connect the televisions to the cameras, satellite television system, or to an onboard VHS/DVD recorder and allow independent selection of any of the systems for each television. A fourth large-screen, flat panel television monitor (38 to 40 inch) should be stored on-board the vehicle with a surface mount available on the outside of the vehicle so the monitor can to be used during operational briefings.

Power Requirements

Several different power sources are needed for the various types of electronic equipment used in the mobile command vehicle. Much of the equipment will be powered by a 12 volt system and can be supplied by a bank of six deep-cycle batteries. A heavy-duty alternator on the vehicle engine will keep these batteries charged when the vehicle is in operation. The batteries can also be maintained at their proper voltage when the vehicle is in standby mode by the use of a battery trickle charger or a solar charger/battery maintainer.

An on-board generator of approximately 20 kilowatts, mounted in a compartment under the vehicle and accessed from the exterior, can be used to power equipment requiring 110 or 240 volts. "Whisper quiet" generators in this size range are readily available. The generator should be powered by the same fuel as the main vehicle engine and use fuel from the vehicle's primary fuel tank. This unit will be capable of powering all the on-board computer and radio equipment, as well as external floodlights and scene lighting. Outlets on each side of the exterior of the vehicle will provide connection points for powering additional outside equipment. A provision for using "shore power" from an exterior source should also be provided as an additional means to power the 110 volt equipment and lights.

In the event that one of the power systems should go off line temporarily, the vehicle should be equipped with an uninterrupted power supply (UPS) unit that can provide power to all 110 volt computers and radio equipment for up 30 minutes.

External Features

The command vehicle should have a retractable awning on each side of the vehicle so command and planning operations can be extended to the outside in favorable weather. At least two phone jacks should be available on the outside to also expand the telephone system. It is envisioned that the outside area of the vehicle will also serve as a site for operational briefings so a public address system should be included for this purpose. Mounting brackets and cabling should be provided on an exterior wall of the vehicle to allow for the use of a flat panel television screen for use during operational briefings. A large dry erase board should also be included as part of the external equipment complement.

Extensive exterior flood lighting will be needed around the exterior of the vehicle. Three halogen scene lights should be located on each side of the vehicle and two similar lights should be positioned to the rear. In addition, a retractable light tower should be attached to the top of the vehicle with the capability of pointing it in any direction.

Large storage compartments should be located under the vehicle and be easily accessible by exterior doors. This will provide storage space for folding tables, chairs, a foldable podium used for briefings, as well as additional support equipment.

SAN MATEO COUNTY SHERIFF'S OFFICE PROPOSED BUDGET

EMERGENCY MOBILE COMMAND VEHICLE

Several agencies in the greater San Francisco Bay Area have purchased mobile command vehicles in recent years. Using these recent purchases as working examples the Sheriff Department has been able to estimate the cost of a fully equipped, Type I command vehicle.

Total Cost-

\$ 830,000*
\$ 622,500
\$ 300,000
\$ 322,500
\$ 207,500*

^{*} these are estimated costs and it is expected that the vehicle could cost 10% more based on unplanned changes, upgrades and extended time until actual build-out is contracted.

BUDGET BREAKDOWN AND DESCRIPTION OF BUDGET ELEMENTS

Vehicle Cost Estimate

\$650,000

Included in the cost of the vehicle would be:

- Cab and chassis
- Command module build-up with slide-outs
- 12 volt power system
- 20 KV portable generator
- Communications and computer wiring including rack systems
- All radio and satellite antennas including masts and satellite dishes
- Telephone system including landline, cellular and satellite telephone system and hardware
- Video equipment including cameras, flat panel video screens, mounting, wiring and controllers, and satellite television receiver
- Installation of radio and computer equipment provided by the Sheriff's Office

Radio Equipment Estimate

\$140,000

Radio communications equipment purchased separately from the vehicle, but installed by the vehicle manufacturer:

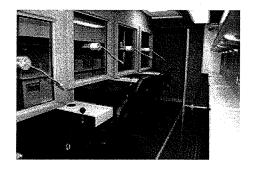
County trunked radios (mobile) 2 each @ \$4000	\$ 8,000
VHF mobile radios 5 each @ \$2000	10,000
UHF mobile radios 5 each @ \$2000	10,000
Amateur Radio 1 each @ \$1000	1,000
Dispatch Consoles 2 each @ \$10,000	20,000
Aux. Communication Unit (Interoperability Unit) \$5000	5,000
Portable Radio, trunk system (cache) 10 each @ \$3000	30,000
Portable Radio, VHF (cache) 10 each @ \$2,000	20,000
Portable Radio, UHF (cache) 10 each @ \$2000	20,000
Portable radio charging banks 6 each @ \$1000	6,000
Misc radio hardware	10,000

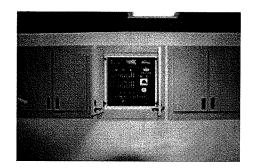
Computer Equipment Estimate \$40,000

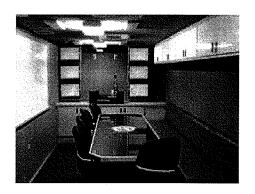
Computer equipment purchased separately from the vehicle, but installed by the vehicle manufacturer:

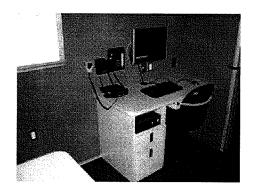
Desktop computers with video monitor 6 each @ \$1500	\$ 9,000
Server and networking equipment	5,000
Laptop computers 4 each @ \$2500	10,000
Copy/Printer/Fax 1 each @ \$1500	1,500
Laser Printer 1 each @ \$1000	1,000
Plotter Printer 1 each @ \$1500	1,500
Mobil Weather Station	2,000
Software and licensing	10,000

Interior Pictures of Emergency Mobile Command Vehicles













OFFICE OF THE CHIEF OF POLICE

1199 El Camino Real Colma, California 94014-3211 650-997-8321



January 5, 2010

The Honorable Jackie Speier 211 Cannon House Office Building Washington, DC 20515

Dear Congresswoman Speier,

On behalf of the San Mateo County Police Chiefs' and Sheriff Association, I am writing to urge your continued and active support for additional funding in FY 2011 for a new Mobile Emergency Command Vehicle. The Sheriff is seeking \$322,500. The Mobile Command Center will be a significant regional resource and will be made available for use by any government agency in the county or region when and where needed in the event of any major emergency, disaster or response effort. It will play a key role in any multijurisdictional, multiagency event, providing centralized, unified and interoperable communications pathways and will as the focal point for most incident command, coordination, meetings and briefings.

San Mateo is a county encompassing twenty incorporated cities, several dozen special districts including fire and public utilities districts, and the San Francisco International Airport. The potential for significant multi-agency incidents within our county requires the use of unified command as prescribed by the National Incident Management System. This capability along with multiagency planning and coordination space, tactical dispatching capabilities and computer capabilities will be built into this state-of-the-art mobile command center. A full sized command center will also provide a secure meeting area that also allows the unified command staff to have up to the moment information about the incident and comprehensive and unified communication abilities among all responders.

As the President of the San Mateo County Police Chief and Sheriff's Association and on behalf of our 23 members, I appreciate anything you can do to assist the San Mateo Sheriff's Office to secure the remainder of this important funding.

Thank you for your consideration, leadership and support.

Sincerely,

Robert L. Lotti Chief of Police



San Mateo County Fire Chiefs Association

ADVANCEMENT THRU UNITY IN ADMINISTRATION

January 5, 2010

The Honorable Jackie Speier 211 Cannon House Office Building Washington, DC 20515

Dear Congresswoman Speier,

On behalf of the San Mateo County Fire Chiefs' Association, I am writing to urge your continued and active support for additional funding in FY 2011 for a new Mobile Emergency Command Vehicle. The Sheriff is seeking \$322,500. The Mobile Command Center will be a significant regional resource and will be made available for use by any government agency in the county or region when and where needed in the event of any major emergency, disaster or response effort. It will play a key role in any multijurisdictional, multiagency event, providing centralized, unified and interoperable communications pathways and will as the focal point for most incident command, coordination, meetings and briefings.

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Anything you can do to assist the San Mateo Sheriff's Office to secure the remainder of this important funding would be greatly appreciated.

Thank you for your consideration, leadership and support.

Sincerely,

Ron D. Myers

President, San Mateo county Fire Chiefs Fire Chief, North County Fire Authority

Augmode Clarency Short Wind Shor

Lakeside Plaza, 1401 Lakeside Drive, 12th Floor, Oakland, CA 94612-4305

Oregow J. Altem, Shenff

Coroner - Public Administrator - Marshal Director of Emergency Services

January 5, 2010

The Honorable Jackie Speier 211 Cannon House Office Building Washington, DC 20515

Dear Congresswoman Speier,

I am writing to urge your continued and active support for additional funding in FY 2011 for a new Mobile Emergency Command Vehicle for the County of San Mateo. The San Mateo County Sheriff is seeking \$322,500 to fund this asset. As the Law Enforcement Mutual Aid Coordinator for a region that includes sixteen counties within the State of California, I know that the Mobile Command Center will be a significant regional resource and will be made available for use by any government agency in the county or region when and where needed in the event of any major emergency, disaster or response effort. It will play a key role in any multijurisdictional, multiagency event, providing centralized, unified and interoperable communications pathways and will serve as the focal point for most incident command meetings and briefings.

San Mateo is a county encompassing twenty incorporated cities, several dozen special districts including fire and public utilities districts, and the San Francisco International Airport. The potential for significant multi-agency incidents within our county requires the use of the unified command system as prescribed by the National Incident Management System. This capability along with space for multiagency planning and coordination, tactical dispatching capabilities and computer capabilities will be built into this state-of-the-art mobile command center. A full sized command center will also provide a secure meeting area which allows the unified command staff to analyze up to the moment information about the incident. Additionally, this vehicle will provide a platform for comprehensive and unified communication abilities among all responders.

As you may know, each year, the Alameda County Sheriff's Office, in conjunction with the Urban Area Security Initiative (UASI), hosts an intensive, multi-day training event known as Urban Shield. Among other critical functions, this event tests and evaluates personnel and equipment from multiple disciplines associated with response to natural disasters or acts of terrorism. During this exercise gaps in training, interoperable communications and equipment are identified. During the past three Urban Shield exercises it became clear that the San Mateo County Sheriff's Office has a pressing need for the type of vehicle which they are seeking your help in obtaining.

Anything you can do to assist the San Mateo Sheriff's Office to secure the remainder of this important funding would be greatly appreciated.

Thank you for your consideration, leadership and support.

Sincerely,

Gregory J. Ahern Sheriff – Coroner

GJA:RTL:rl

Adrienne J. Tissier

Member • Board of Supervisors • San Mateo County

January 5, 2010

The Honorable Jackie Speier 211 Cannon House Office Building Washington, DC 20515

Dear Congressworks

I am writing to arge your continued and active support for additional funding in FY 2011 for a new Mobile Emergency Command Vehicle for the County of San Mateo. The San Mateo County Sheriff is seeking \$322,500 to fund this asset. As Chairof the San Mateo County Board of Supervisors Criminal Justice Standing Committee, I know that the Mobile Command Center will be a significant regional resource and will be made available for use by any government agency in the county or region when and where needed in the event of any major emergency, disaster or response effort. It will play a key role in any multijurisdictional, multiagency event, providing centralized, unified and interoperable communications pathways and will act as the focal point for most incident command, coordination, meetings and briefings.

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Anything you can do to assist the San Mateo Sheriff's Office to secure the remainder of this important funding would be greatly appreciated.

Thank you for your consideration, leadership and support.

County of San Mateo

400 County Center, Redwood City, California 94063

Direct Line (650) 363-4572 • Fax (650) 599-1027



U.S. Department of Justice

Federal Bureau of Investigation

In Reply, Please Refer to File No.

450 Golden Gate Avenue P.O. Box 36015

January 11, 2010

The Honorable Jackie Speier 211 Cannon House Office Building Washington, D.C. 20515

Dear Congresswoman Speier:

On Behalf of the Federal Bureau of Investigation's San Francisco Field Office, I am writing to urge your continued and active support for additional funding in FY 2011 for a new Mobile Emergency Command Vehicle for the County of San Mateo. The San Mateo County Sheriff is seeking \$322,500. The Mobile Command Center will be a significant regional resource and will be made available for use by any government agency in the county or region when and where needed in the event of any major emergency, disaster or response effort. It will play a key role in any multi-jurisdictional, multi-agency event, providing centralized, unified and interoperable communications pathways and will serve as the focal point for most incident command, coordination meetings and briefings.

San Mateo is a county encompassing 20 incorporated cities, several dozen special districts including fire and public utilities' districts, and the San Francisco International Airport. The potential for significant multi-agency incidents within this county requires the use of a unified command as prescribed by the National Incident Management System. This capability, along with multi-agency planning and coordination space, tactical dispatching capabilities and computer capabilities will be built into the state-of-the-art mobile command center. A full sized command center will also provide a

secure meeting area which allows the unified command staff to have up to the moment information relative to the incident and comprehensive and unified communication among all responders.

 $$\operatorname{\mathtt{Thank}}$ you for your consideration, leadership and support.

Sincerely,

Stephanie Douglas Special Agent in Charge